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To: Hon. Commissioner of Patents
Attn: Examiner S. Broda
Group: 2123

From: Donald E. Stout

Fax: (703) 872-9306

Pages: 39 pgs.

Phone: (571) 272-3709

Date: March 14, 2005

Re: U.S. Serial No. 09/883,402

CC:

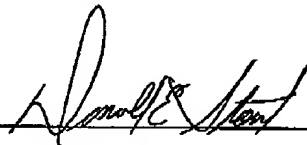
Filed: June 16, 2001

ATS&K Ref: 612.40181X00

☐ Urgent ☒ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

• **Comments:**

I hereby certify that the following document: (1) Amendment including 7 Sheets replacement Drawing (22 pages), (2) Substitute Specification (18 pgs.), and (3) Marked Version of Substitute Specification (18 pgs.) are being facsimiled to the Patent and Trademark Office (Fax No. 703/ 872-9306 on March 14, 2005).



Donald E. Stout

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PTO/SB/17 (10-03)

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$500.00)

Complete if Known

Application Number 09/883,402
 Filing Date June 1, 2001
 First Named Inventor E. DURET et al
 Examiner Name S. Broda
 Art Unit 2123
 Attorney Docket No. 612.40181X00

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METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit Card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:

Deposit Account Number 01-2135
 Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application.☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee Code	Small Fee Code	Fee Description	Fee Paid
1001	790	2001	395 Utility filing fee	
1002	350	2002	176 Design filing fee	
1003	550	2003	275 Plant filing fee	
1004	790	2004	395 Reissue filing fee	
1005	160	2005	80 Provisional filing fee	

SUBTOTAL (1)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fec from below	Fee Paid
30	-20 = 10	x 50	= 500
Indep. Claims	1 -3 = 0	x 200	= 000

Multiple Dependent

Large Fee Code	Entity Fee Code	Small Fee Code	Fee Description
1202	18	2202	9 Claims in excess of 20
1201	88	2201	44 Independent claims in excess of 3
1203	300	2203	150 Multiple dependent claim, if not paid
1204	88	2204	44 ** Reissue independent claims over original patent
1205	18	2205	9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 500

**or number previously paid, if greater; For Reissues, see above.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee Code	Small Fee Code	Fee Description
1051	130	2051	65 Surcharge - late filing fee or oath
1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet
1053	130	2053	130 Non-English specification
1812	2,520	1812	2,520 For filing a request for ex parte reexamination
1804	920*	1804	920* Requesting publication of SIR prior to Examination action
1805	1,840*	1805	1,840* Requesting publication of SIR after Examiner action
1251	120	2251	60 Extension for reply within first month
1252	450	2252	225 Extension for reply within second month
1253	1,020	2253	510 Extension for reply within third month
1254	1,580	2254	795 Extension for reply within fourth month
1255	2,180	2255	1,080 Extension for reply within fifth month
1401	500	2401	165 Notice of Appeal
1402	330	2402	165 Filing a brief in support of an appeal
1403	290	2403	145 Request for oral hearing
1451	1,510	1451	1,510 Petition to institute a public use proceeding
1452	110	2452	55 Petition to revive - unavoidable
1453	1,370	2453	685 Petition to revive - unintentional
1501	1,370	2501	685 Utility issue fee (or reissue)
1502	490	2502	245 Design issue fee
1503	680	2503	330 Plant issue fee
1450	130	1450	130 Petitions to the Commissioner
1807	50	1807	50 Processing fee under 37 CFR 1.17(q)
1806	180	1806	180 Submission of Information Disclosure Stmt
8021	40	8021	40 Recording each patent assignment per property (times number of properties)
1809	790	2809	395 Filing a submission after final rejection (37 CFR § 1.129(a))
1810	790	2810	395 For each additional invention to be examined (37 CFR § 1.129(b))
1801	770	2801	385 Request for Continued Examination (RCE)
1802	900	1802	900 Request for expedited examination of a design application.

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

Fee Paid

000.00

SUBMITTED BY

Name (Print/Type)	DONALD E. STOUT	Registration No. (Attorney/Agent)	28,422	Telephone	(703) 312-6600
Signature		Date	03/14/2005		

Complete (if applicable)

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MAR 14 2005

612.40181X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): E. DURET et al
Serial No.: 09/883,402
Filed: June 19, 2001
For: AUTOMATIC PIPE GRIDGING METHOD ALLOWING
IMPLEMENTATION OF FLOW MODELLING CODES
Group: 2123
Examiner: S. BRODA

AMENDMENT

MS: AMENDMENTS
Commissioner For Patents
POB 1450
Alexandria, VA 22313-1450

March 14, 2005

Sir:

In response to the Office Action dated December 14, 2004, the period of response for which extension of time is requested in the attached Petition for Extension of Time, please amend the above-identified application as listed below and as set forth on the following pages:

Amendments to the Specification;**Amendments to the Claims; and****Remarks are included following the Amendment.**

03/23/2005 EKOLI1 00000013 09883402

01 FC:1202

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